**Comptia A+**

To watch the below video, you need to right click on the Hyperlink just below the highlighted task in red color and select the Open Hyperlink option. It will take you to the YouTube where you can watch the concerned video.

You are required to watch the video and answer the Questions asked below.

You need to type answers in the row indicated with “Ans.”

**What is RAM?**

| **RAM**  <https://drive.google.com/file/d/1tRsYguWM-OTLspQskD8EXR5gjzlVXyOd/view?usp=sharing> | |
| --- | --- |
| 1 | What is RAM? |
| Ans. | random access memory |
| 2 | Ram stands for? |
| Ans. | random access memory |
| 3 | How much ram can we add to the system? |
| Ans. | it depends on the motherboard, operating system and cpu |
| 4 | What are the benefits of ram? |
| Ans. | it increase the speed, store the space |
| 5 | How many memory slots are there in the system? |
| Ans. | 4 |
| 6 | How to remove ram from the slots? |
| Ans. | punch the little clasp and pull out the memory slot |
| 7 | How much ram windows 10 support? |
| Ans. | 128 gigabytes |
| 8 | How we can get the information/capabilities of the system easily? |
| Ans. | with the help system scanner |
| 9 | What is the variation in the ram? |
| Ans. | FROM 16GB TO 32GB |
| 10 | ECC stands for? |
| Ans. | error correcting code |
| 11 | What is parity memory? |
| Ans. | detect error checking |
| 12 | What is non-parity memory? |
| Ans. | no detect error checking |
| 13 | What is ECC memory? |
| Ans. | correction can be done in some circumstances |
| 14 | What is non-ECC? |
| Ans. | can not check memory |
| 15 | What is buffered memory? |
| Ans. | place information can stored |
| 16 | What is un-buffered memory? |
| Ans. | information can not |
| 17 | Buffer is also known as? |
| Ans. | register |
| 18 | Un-buffered is also known as? |
| Ans. | unregister |
| 19 | What is single channel memory |
| Ans. | when the ram is on one side |
| 20 | What is double channel memory? |
| Ans. | have memory on both sides |
| 21 | What is use of single/double channel/triple channel memory? |
| Ans. | increase the communication capacity and speed |
| 22 | What are the variants of the chip? |
| Ans. |  |
| 23 | DIMM stands for? |
| Ans. | dual in-line memory module |
| 24 | DIMM is also known as? |
| Ans. | memory module |
| 25 | What do you mean by DIMM? |
| Ans. | connectors on both sides of chip |
| 26 | How many pins are there on the chip? |
| Ans. | 168 |
| 27 | What kind of chip we use in portable computer? |
| Ans. | small outline dimm |
| 28 | What are the types of modular technology we can use into the ram for the speed? |
| Ans. | SDRAM |
| 29 | SDRAM stands for? |
| Ans. | Synchronous dynamic random access memory |
| 30 | DDR stands for? |
| Ans. | double data rate |
| 31 | What is the speed of DDR500? |
| Ans. | 4000mg |
| 32 | What is the speed of DDR1600? |
| Ans. | three time faster than early technology |
| 33 | UDIMM stands for? |
| Ans. | unregistered dual in-line memory module |
| 34 | RDIMM stands for? |
| Ans. | registered dual in-line memory module |